

066290-06045860

<110> Hansen, J. Norman

<120> Construction of a Structural Variant of Sublancin to Facilitate its Isolation and Use in Bioremediation of Environmental Contamination by Gram-positive Spore Formers such as *Bacillus anthracis*

<130> 108172-00058

<150> 60/215,449

<151> 2000-06-29

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<170> PatentIn version 3.1

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<211> 2517

<212> DNA

<213> Artificial Sequence

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<223> EcoRI-HindIII insert of the pLPVc integrative plasmid.

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<213> Artificial Sequence

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<223> The sublancin-His Tag gene and its corresponding peptide sequence.

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aaa ggt agt gga tta gga aaa gct cag tgt gct gcg ttg tgg cta caa 96

Lys Gly Ser Gly Leu Gly Lys Ala Gln Cys Ala Ala Leu Trp Leu Gln

20 25 30

tgt gct agt ggc ggt aca att ggt tgt ggt ggc ggc gcc gtt gct tgt 144

Cys Ala Ser Gly Gly Thr Ile Gly Cys Gly Gly Gly Ala Val Ala Cys

35 40 45

caa aac tat cgt caa ttc tgt aga ggt ggt ggt ggg gga ggc ggg gga 192

Gln Asn Tyr Arg Gln Phe Cys Arg Gly Gly Gly Gly Gly Gly Gly Gly

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ggg ggt ggt ggt gga gga ggt ggt ggt ggt ggt ggt atg tca aag ttc 240

Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Met Ser Lys Phe

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Cys Ala Ser Gly Gly Thr Ile Gly Cys Gly Gly Gly Ala Val Ala Cys

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45

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55

60

Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Met Ser Lys Phe

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